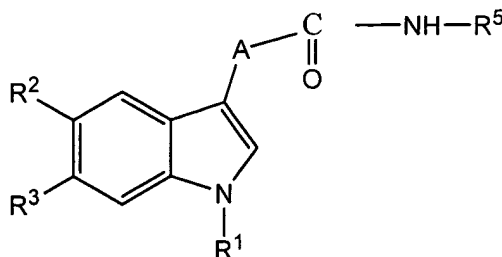


IN THE CLAIMS

Claims 1-20 (canceled)

21. (currently amended) A process for preparing a compound of Formula 1



or salts thereof, wherein

R^1 is a straight or branched C_{1-12} alkyl optionally substituted with phenyl, or C_{3-8} cycloalkyl radical wherein the phenyl radical is optionally substituted with a halo, nitro, hydroxy, C_{1-4} alkyl, C_{1-4} alkoxy, or $COOH$;

R^2 and R^3 are each independently of each other hydrogen or an OH radical where at least one of R^2 and R^3 are $-OH$;

R^5 is a pyridyl radical substituted with at least one halogen radical and is optionally further substituted with $-H$, $-OH$, $-SH$, $-NH_2$, $-NHC_{1-6}$ alkyl, $-N(C_{1-6}$ alkyl) $_2$, $-NHC_{6-14}$ aryl, $-N(C_{6-14}$ aryl) $_2$, $-N(C_{1-6}$ alkyl)(C_{6-14} aryl), $-NHCOR^6$, $-NO_2$, $-CN$, $-COOH$, $-(CO)R^6$, $-(CS)R^6$, $-F$, $-Cl$, $-Br$, $-I$, $-O-C_{1-6}$ alkyl, $-O-C_{6-14}$ aryl, $-O(CO)R^6$, $-S-C_{1-6}$ alkyl, $-S-C_{6-14}$ aryl, $-SOR^6$, or $-SO_2R^6$ substitute; and

A is a bond, $C=O$, or a $CHOH$ radical or a pharmaceutically acceptable salt thereof,

which method comprises converting a compound of formula (I), wherein R^2 or R^3 or R^2 and R^3 are $O-R^7$, into the compound of formula (I) by removal of R^7 , wherein R^7 is a substituent that is a leaving group selected from alkyl, cycloalkyl, arylalkyl, aryl, acyl, alkoxycarbonyl, aryloxycarbonyl, aminocarbonyl, N-substituted aminocarbonyl, silyl and sulfonyl group.

22. (canceled)

23. (canceled)

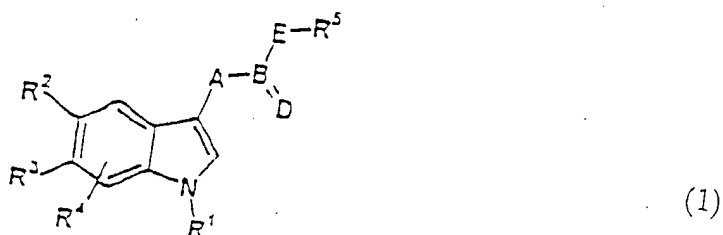
24. (canceled)

25. (canceled)

26. (previously presented) The method of claim 21, wherein R^5 is substituted with one or two halogens.

27. (canceled)

28. (currently amended) A process for preparing a compound of Formula 1



or a salt thereof, wherein R^1 , R^5 are independently of each other

(i) a C_{1-12} alkyl, straight-chain or branched-chain, optionally mono- or polysubstituted by -OH, -SH, -NH₂, -NHC₁₋₆ alkyl, -N(C₁₋₆ alkyl)₂, -NHC₆₋₁₄ aryl, -N(C₆₋₁₄ aryl)₂, -N(C₁₋₆ alkyl)(C₆₋₁₄ aryl), -NHCOR⁶, -NO₂, -CN, -F, -Cl, -Br, -I, -O-C₁₋₆ alkyl, -O-C₆₋₁₄ aryl, -O(CO)R⁶, -S-C₁₋₆ alkyl, -S-C₆₋₁₄ aryl, -SOR⁶, -SO₃H, -SO₂R⁶, -OSO₂C₁₋₆ alkyl, -OSO₂C₆₋₁₄ aryl, -(CS)R⁶, -COOH, -(CO)R⁶, mono-, bi- or tricyclic saturated or mono- or polyunsaturated carbocycles having from 3 to 14 ring members, mono-, bi- or tricyclic saturated or mono- or polyunsaturated heterocycles having from 5 to 15 ring members and from 1 to 6 heteroatoms,

which are suitably N, O and S, where the C₆₋₄ aryl groups and the included carbocyclic and heterocyclic substituents can optionally be mono- or polysubstituted by R⁴,

(ii) -C₂₋₁₂ alkenyl, mono- or polyunsaturated, straight-chain or branched-chain, optionally mono- or polysubstituted by -OH, -SH, -NH₂, -NHC₁₋₆ alkyl, -N(C₁₋₆ alkyl)₂, -NHC₆₋₁₄ aryl, -N(C₆₋₁₄ aryl)₂, -N(C₁₋₆ alkyl)(C₆₋₁₄ aryl), -NHCOR⁶, -NO₂, -CN, -F, -Cl, -Br, -I, -O-C₁₋₆ alkyl, -O-C₆₋₁₄ aryl, -O(CO)R⁶, -S-C₁₋₆ alkyl, -S-C₆₋₁₄ aryl, -SOR⁶, -SO₃H, -SO₂R⁶, -OSO₂C₁₋₆ alkyl, -OSO₂C₆₋₁₄ aryl, -(CS)R⁶, -COOH, -(CO)R⁶, mono-, bi- or tricyclic saturated or mono- or polyunsaturated carbocycles having from 3 to 14 ring members, mono-, bi- or tricyclic saturated or mono- or polyunsaturated heterocycles having from 5 to 15 ring members and from 1 to 6 heteroatoms, which are suitably N, O and S, where the C₆₋₁₄ aryl groups and the included carbocyclic and heterocyclic substituents for their part can optionally be mono- or polysubstituted by R⁴,

(iii) mono-, bi- or tricyclic saturated or mono- or polyunsaturated carbocycles having from 3 to 14 ring members,

optionally mono- or polysubstituted by -OH, -SH, -NH₂, -NHC₁₋₆ alkyl, -N(C₁₋₆ alkyl)₂, -NHC₆₋₁₄ aryl, -N(C₆₋₁₄ aryl)₂, -N(C₁₋₆ alkyl)(C₆₋₁₄ aryl), -NHCOR⁶, -NO₂, -CN, -F, -Cl, -Br, -I, -O-C₁₋₆ alkyl, -O-C₆₋₁₄ aryl, -O(CO)R⁶, -S-C₁₋₆ alkyl, -S-C₆₋₁₄ aryl, -SOR⁶, -SO₃H, -SO₂R⁶, -OSO₂C₁₋₆ alkyl, -OSO₂C₆₋₁₄ aryl, -(CS)R⁶, -COOH, -(CO)R⁶, mono-, bi- or tricyclic saturated or mono- or polyunsaturated carbocycles having from 3 to 14 ring members, mono-, bi- or tricyclic saturated or mono- or polyunsaturated heterocycles having from 5 to 15 ring members and from 1 to 6 heteroatoms, which are suitably N, O and S, where the C₆₋₁₄ aryl groups and the included carbocyclic and heterocyclic substituents can optionally be mono- or polysubstituted by R⁴,

(iv) mono-, bi- or tricyclic saturated or mono- or polyunsaturated heterocycles having from 5 to 15 ring members and from 1 to 6 heteroatoms, which are suitably N, O and S, optionally mono- or polysubstituted by -OH, -SH, -NH₂, -NHC₁₋₆ alkyl, -N(C₁₋₆ alkyl)₂, -NHC₆₋₁₄ aryl, -N(C₆₋₁₄ aryl)₂, -N(C₁₋₆ alkyl)(C₆₋₁₄ aryl), -NHCOR⁶, -NO₂, -CN, -F, -Cl, -Br, -I, -O-C₁₋₆ alkyl, -O-C₆₋₁₄ aryl, -O(CO)R⁶, -S-C₁₋₆ alkyl, -S-C₆₋₁₄ aryl, -SOR⁶, -SO₃H, -SO₂R⁶, -OSO₂C₁₋₆ alkyl, -OSO₂C₆₋₁₄ aryl, -(CS)R⁶, -COOH, -(CO)R⁶, mono-, bi- or tricyclic saturated or mono- or polyunsaturated carbocycles having from 3 to 14 ring members, mono-, bi- or tricyclic saturated

or mono- or polyunsaturated heterocycles having from 5 to 15 ring members and from 1 to 6 heteroatoms, which are suitably N, O and S, where the C₆₋₁₄ aryl groups and the included carbocyclic and heterocyclic substituents for their part can be optionally mono- or polysubstituted by R⁴, -carbo- or heterocyclic saturated or mono- or polyunsaturated spirocycles having from 3 to 10 ring members, where heterocyclic systems contains from 1 to 6 heteroatoms, which are suitably N, O and S, optionally mono- or polysubstituted by -OH, -SH, -NH₂, -NHC₁₋₆ alkyl, -N(C₁₋₆ alkyl)₂, -NHC₆₋₁₄ aryl, -N(C₆₋₁₄ aryl)₂, -N(C₁₋₆ alkyl)(C₆₋₁₄ aryl), -NHCOR⁶, -NO₂, -CN, -F, -Cl, -Br, -I, -O-C₁₋₆ alkyl, -O-C₆₋₁₄ aryl, -O(CO)R⁶, -S-C₁₋₆ alkyl, -S-C₆₋₁₄ aryl, -SOR⁶, -SO₃H, -SO₂R⁶, -OSO₂C₁₋₆ alkyl, -OSO₂C₆₋₁₄ aryl, -(CS)R⁶, -COOH, -(CO)R⁶, mono-, bi- or tricyclic saturated or mono- or polyunsaturated carbocycles having from 3 to 14 ring members, mono-, bi- or tricyclic saturated or mono- or polyunsaturated heterocycles having from 5 to 15 ring members and from 1 to 6 heteroatoms, which are suitably N, O and S, where the C₆₋₁₄ aryl groups and the included carbocyclic and heterocyclic substituents can optionally be mono- or polysubstituted by R⁴,

R², R³ are hydrogen or -OH, where at least one of the two substituents must

be -OH;

R⁴ is -H, -OH, -SH, -NH₂, -NHC₁₋₆ alkyl, -N(C₁₋₆ alkyl)₂, -NHC₆₋₁₄ aryl, -N(C₆₋₁₄ aryl)₂, -N(C₁₋₆ alkyl)(C₆₋₁₄ aryl), -NHCOR⁶, -NO₂, -CN, -COOH, -(CO)R⁶, -(CS)R⁶, -F, -Cl, -Br, -I, -O-C₁₋₆ alkyl, -O-C₆₋₁₄ aryl, -O(CO)R⁶, -S-C₁₋₆ alkyl, -S-C₆₋₁₄ aryl, -SOR⁶, -SO₂R⁶.

R⁶ is -H, -NH₂, -NHC₁₋₆ alkyl, -N(C₁₋₆ alkyl)₂, -NHC₆₋₁₄ aryl, -N(C₆₋₁₄ aryl)₂, -N(C₁₋₆ alkyl)(C₆₋₁₄ aryl) -O-C₁₋₆ alkyl, -O-C₆₋₁₄ aryl, -S-C₁₋₆ alkyl, -S-C₆₋₁₄ aryl, -C₁₋₁₂ alkyl, straight-chain or branched-chain, -C₂₋₁₂ alkenyl, mono- or polyunsaturated, straight-chain or branched-chain, -mono-, bi- or tricyclic saturated or mono- or polyunsaturated carbocycles having from 3 to 14 ring members, -mono-, bi- or tricyclic saturated or mono- or polyunsaturated heterocycles having from 5 to 15 ring members and from 1 to 6 heteroatoms, which are suitably N, O and S;

A is either a bond, or $-(CH_2)_m-$, $-(CH_2)_m-(CH=CH)_n-(CH_2)_p-$, $-(CHOZ)_m-$, $-(C=O)-$, $-(C=S)-$, $-(C=N-Z)-$, $-O-$, $-S-$, $-NZ-$, where m and p are cardinal numbers from 0 to 3 and n is a cardinal number from 0 to 2,

Z is H, or a C_{1-12} alkyl, straight-chain or branched-chain, C_{2-12} alkenyl, mono- or polyunsaturated, straight-chain or branched-chain, mono-, bi- or tricyclic saturated or mono- or polyunsaturated carbocycles having from 3 to 14 ring members, mono-, bi- or tricyclic saturated or mono- or polyunsaturated heterocycles having from 5 to 15 ring members and from 1 to 6 heteroatoms, which are suitably N, O and S;

B is either carbon or sulfur, or $-(S=O)-$;

D is oxygen, sulfur, CH_2 or N-Z, where D can only be S or CH_2 if B is carbon;

E is a bond, or $(CH_2)_m-$, $-O-$, $-S-$, $-(N-Z)-$, where m and Z have the same meanings as above; wherein

R^5 is pyridyl which may be optionally mono or polyunsubstituted with $-H$, $-OH$, $-SH$, $-NH_2$, $-NHC_{1-6}$ alkyl, $-N(C_{1-6}$ alkyl) $_2$, $-NHC_{6-14}$ aryl, $-N(C_{6-14}$ aryl) $_2$, $-N(C_{1-6}$ alkyl)(C_{6-14} aryl), $-NHCOR^6$, $-NO_2$, $-CN$, $-COOH$, $-(CO)R^6$, $-(CS)R^6$, $-F$, $-Cl$, $-Br$, $-I$, $-OC_{1-6}$ alkyl, $-OC_{6-14}$ aryl, $-O(CO)R^6$, $-SC_{1-6}$ alkyl, $-SC_{6-14}$ aryl, $-SOR^6$, or $-SO_2R^6$, which method comprises converting a compound of formula 1 to another compound of formula 1 wherein R^2 or R^3 , or R^2 and R^3 is $-OR^7$ by removing the R^7 , wherein R^7 is a leaving group.

29. (previously presented) The process of claim 28, wherein said leaving group is selected from the group consisting of alkyl, cycloalkyl, arylalkyl, aryl, heteroaryl, acyl, alkoxycarbonyl, aryloxycarbonyl, aminocarbonyl, N-substituted aminocarbonyl, silyl, sulfonyl and a complexing agent.

30. (previously presented) The process of claim 29, wherein said complexing agent is a compound of boric acid or phosphoric acid, or a compound containing a covalently bonded metal.

31. (previously presented) The process of claim 30, wherein said metal is zinc, aluminum, or copper.

32. (previously presented) The method of claim 28, wherein R^5 is substituted with one or two halogens.